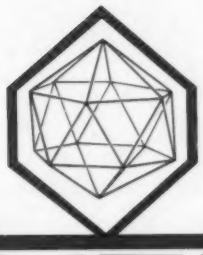

POLYHEDRON

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for Volume 11, 1992

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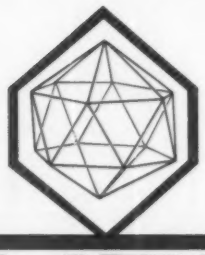

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Publishing, Subscription and Advertising Offices: Pergamon Press Ltd, Headington Hill Hall, Oxford OX3 0BW, U.K.; or Pergamon Press Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, U.S.A.

Twenty-four issues per year—published 2 issues per month

Annual Subscription Rates (1993)
Annual institutional subscription rate (1993) £1205.00 (US $2290.00). Sterling prices are definitive. US dollar prices are quoted for convenience only, and are subject to exchange rate fluctuation. Personal subscription rates for those whose library subscribes at the regular rate are available on request. Prices include postage and insurance and are subject to change without notice. Subscription rates for Japan include despatch by air and prices are available on application.

Second class postage paid at RAHWAY NJ and additional mailing offices. Postmaster send address corrections to Pergamon Press Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, U.S.A.

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J. A. Bandy, H. E. Bunting, M.-H. Garcia, **M. L. H Green,** S. R. Marder, M. E. Thompson, D. Bloor, P. V. Kolinsky, R. J. Jones and J. W. Perry 1429 Second-order non-linear optical properties of diironalkenylidyne complexes; crystal structure of $\{(\eta\text{-}C_5H_5)_2Fe_2(CO)_2(\mu\text{-}CO)(\mu\text{-(E)—C—CH=CH—}C_6H_4\text{—(}p\text{)-NMe)}_2\}^+BF_4^-$

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S. Cotton 1705 Gmelin Handbook of Inorganic Chemistry, 8th Edition. Polonium Supplement Volume 1. By K. W. Bagnall, K. Grudpan, S. Möbius, H. Münzel, A. Seidel and W. Töpper. Edited by K.-C. Buschbeck and C. Keller

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R. Usón, J. Forniés, M. Tomás I. Ara and J. M. Casas 1783 Synthesis and molecular structure of trinuclear $[trans\text{-}Pt(C_6Cl_5)_2\{(\mu\text{-}Cl)AgPPh_3\}_2]$

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H. El Alaoui El Abdallaoui, **P. Rubini,** P. Tekely, D. Bayeul and C. Lecomte 1795 Crystal structure and solid state ^{31}P NMR spectroscopy of triphenylphosphine oxide complex of zinc(II) tetrafluoroborate

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B. K. Roy, T. K. Mallick and **B. K. Ghosh** — 1829 — Mixed-ligand chelates of osmium(II/III) 8-quinolinolates: synthesis, characterization and redox behaviour

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N. Arulsamy, **P. S. Zacharias** and K. Rajeshwar — 1837 — Sequential electron transfer in an intermolecularly interacting copper(II)-amino acid system

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S. Cotton — 1839 — Gmelin Handbook of Inorganic and Organometallic Chemistry. Mo Organomolybdenum Compounds, Part 7, 8th edn. By H. Schumann; edited by M. Winter

S. Cotton — 1839 — Understanding Inorganic Chemistry. By J. Barrett

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J. W. Steed and **D. A. Tocher** — 1849 — Dinuclear carboxylato-bridged complexes of ruthenium(IV)

S. Mandal, R. Shukla and **P. K. Bharadwaj** — 1855 — Hexa-coordinated copper(II)-thiolates—II. Synthesis and characterization of a copper(II) complex with a reversible oxidative response

M. Gielen, A. El Khloufi, M. Biesemans, R. Willem and J. Meunier-Piret — 1861 — (2-Methylthio-3-pyridinecarboxylato)-diethyltin and -di-n-butyltin compounds: synthesis, spectroscopic characterization and *in vitro* antitumour activity. X-ray crystal structure of bis[diethyl(2-methylthio-3-pyridinecarboxylato)tin] oxide and of diethyltin bis(2-methylthio-3-pyridinecarboxylate)

Song-Ping Huang, S. Dhingra and **M. G. Kanatzidis** — 1869 — Synthesis and properties of the homo- and heteropolychalcogenide $[A(Q_5)_2]^{2-}$ family (A = Te, Q = S, Se; A = Se, Q = Se). Crystal structures of $(Ph_4P)_2[Te(S_5)_2]$ and β-$(Ph_4P)_2[Se(Se_5)_2]$

M. A. Ansari, **J. A. Ibers,** S. C. O'Neal, W. T. Pennington and **J. W. Kolis** — 1877 — Solution chemistry of arsenic selenides: synthesis spectroscopy and the X-ray structures of $[PPh_4]_2[As_nSe_6]$, n = 2,4

P. Roman, A. Luque, J. I. Beitia and C. Guzman-Miralles — 1883 — Preparation, chemical characterization and structural studies of 3-aminopyridinium salts of dithiooxalate ligand complexes, $[M(S_2C_2O_2)_2]^{2-}$ ($M = Ni^{II}$, Pd^{II} or Pt^{II})

M. T. S. Amorim, R. Delgado and **J. J. R. Fraústo da Silva** 1891 N,N′-diacetate derivatives of some polyoxa–polyaza macrocyclic compounds: protonation and complexation studies

C. Exley and J. D. Birchall 1901 Hydroxyaluminosilicate formation in solutions of low total aluminium concentration

Wang Shuangxi, Zhu Ying, Zhang Fangjie, Wang Qiuying and **Wang Liufang** 1909 Synthesis, structure and electrochemical behaviour of manganese(II) complexes with 2,6-bis(benzimidazol-2′-yl)pyridine

Xia Xu-Bing, Duan Chun-Ying, Zhu Long-Gen, You Xiao-Zeng, Yang Yao and Wang Hua-Qin 1917 Synthesis and characterization of ferrocene-containing new Schiff base complexes. The X-ray crystal structure of $(C_{10}H_6N_2)C{=}NN{=}CHFc$

M. Leluk, B. Jeżowska-Trzebiatowska and T. Lis 1923 Crystal structure and magnetic properties of di-μ-2,2,2-trifluoroethoxo-tetrakis(pentane-2,4-dionato)diiron(III)

T. B. Rubtsova, O. K. Kireeva, **B. M. Bulychev,** N. P. Streltsova, V. K. Belsky and B. P. Tarasov 1929 Complex formation of metal salts with macrocyclic polyethers in aprotic organic solvents: crystal structures of the molecular complex $[MeCN \cdot Mg \cdot 15C5(\mu_2\text{-}Cl)CuCl_3]$ and the ionic complexes $[(MeCN)_2 \cdot Mg \cdot 15C5][Cu_2Cl_6]$, $\{[(MeCN)_2 \cdot Mg \cdot 15C5][Cu_3Cl_8]\}_n$, $[(H_2O)_2 \cdot Mg \cdot 15C5][CuCl_4] \cdot H_2O$ and $\{[(H_2O)_2 \cdot Cu_3Cl_8][Mg \cdot (H_2O)_6] \cdot [2(15C5)] \cdot H_2O\}_n$

Y. Z. Voloshin, V. K. Belsky and V. V. Trachevskii 1939 Macrobicyclic *d*-metal tris-dioximates obtained by cross-linking with *p*-block elements—VII. Clathrochelate tris-dioximates of cobalt(III) formed by tin tetrachloride

B. Srinivas and **P. S. Zacharias** 1949 Dinuclear copper(II), nickel(II) and mixed valence Cu^{II}–Cu^{I} complexes: influence of donor groups on redox behaviour of dicopper complexes

V. P. Fedin, Yu. V. Mironov, A. V. Virovets, N. V. Podberezskaya and V. Ye. Fedorov 1959 Interaction of chromium and tungsten carbonyls with diethyldithiocarbamate complexes of selenium(II) and tellurium(II). Synthesis and molecular and crystal structures of $WSe_2(S_2CNEt_2)_3 \cdot 0.5H_2O$ and $[W(S_2CNEt_2)_4]_2W_6O_{19}$

M. Hernandez-Padilla, S. Dominguez, P. Gili, **A. Mederos** and C. Ruiz-Perez 1965 Synthesis and structure of tetra-aqua-4-chloro-1,2-phenylenediamine-N,N,N′,N′-tetra-acetato-O^1,O^2,O^3,O^4,N,N′-cobalt(II) disodium; $Na_2[Co(4\text{-}Cl\text{-}o\text{-}PDTA)] \cdot 4H_2O$

P. Bontchev, H. Kadum, G. Gochev, B. Evtimova, J. Macicek and C. Nachev 1973 Synthesis, structural, spectral and EPR studies on the copper(II) complex of 5-(aminosulphonyl)-4-chloro-2-[(2-furanylmethyl)-amino]benzoic acid (Furosemide)

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S. Yamazaki 1983 C—H activation of phenylacetylene by the cyclometallated platinum(II) complex of 1,1,2,2-tetraacetylethane: preparation of the bis(σ-phenylacetylide)platinum(II) complex

D. A. Knight, **D. J. Cole-Hamilton,** D. C. Cupertino, M. Harman and M. B. Hursthouse	1987	Camphor-derived β-ketophosphine complexes of rhodium(III) and iridium(III); X-ray crystal structure of *cis,mer*-trichlorobis-[(1*R*)-*endo*-(+)-3-diphenylphosphinocamphor]rhodium(III) chloroform(1/2)
S. R. Drake, D. J. Otway, **M. B. Hursthouse** and K. M. Abdul Malik	1995	The synthesis and characterization of the group IIA homoleptic aryloxides under mild conditions, $[M(OAr')_2]_2$, and the adducts $[M(OAr')_2(L)_x] \cdot L$ (M = Ca, Sr, Ba; Ar′ = 2,4,6,-tri-t-butylphenol; L = THF, $x = 3$; M = Ba; L = DME, $x = 2$; and L = HMPA, $x = 3$); and the X-ray structure of $[Sr(OAr')_2(THF)_3] \cdot 0.5THF$
Guochen Jia, **R. J. Puddephatt** and J. J. Vittal	2009	Gold complexes and polymers with pyridinethiols: the crystal and molecular structure of [AuCl(pyridinium-2-thione)]
J. Burgess and B. Shraydeh	2015	Reactions of tris-diimine and diimine-cyanide complexes of iron(II) with peroxoanions in solution
Â. Domingos, N. Marques, A. Pires de Matos, I. Santos and M. Silva	2021	Syntheses and crystal structures of two oxo-bridged 3,5-dimethylpyrazolylborate uranium(IV) complexes, $\{UCl[HB(3,5\text{-}Me_2Pz)_3](\mu\text{-}O)\}_4$ and $\{UCl_2[HB(3,5\text{-}Me_2Pz)_3]\}_2(\mu\text{-}O)$
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C. Persson, Å. Oskarsson and **C. Andersson**	2039	Tungsten(VI) complexes with bidentate coordination of the catecholate monoanion. Synthesis of $[W(O)Cl_3(O,HO\text{—}C_6H_4) \cdot O(C_2H_5)_2]$ and synthesis and crystal structure of $[W(O)Cl(O_2\text{—}C_6H_4)(O,HO\text{—}C_6H_4) \cdot O(C_2H_5)_2]$
S. Mahapatra, D. Bhuniya and **R. Mukherjee**	2045	Consequences of electronic/steric effects on monochelate and bischelate manganese(II) ($S = 5/2$) complexes using pyridinylpyrazole ligands. Synthesis and electrochemistry
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